

ABSTRACT

A mobile communication system is provided which is capable of realizing high-speed packet data transfer without causing any data loss during handover between base stations while
5 high-speed packet communication by an HSDPA system is in progress. When an RNC receives from a UE a message requesting activation of handover between Nodes B in the course of high-speed packet communication, it stores a Sequence Numbers of HS-DSCHFP that have been sent up to that moment to the NodeB, and informs a
10 Serving NodeB of a destination of data. The RNC sends NBAP: Radio Link Reconfiguration Commit by routing and thereafter starts data transfer from the Serving NodeB to a Target NodeB.